

Topic Vocabulary

Atmosphere – The layer of air around the Earth.

Biodiversity – The many different living things in nature.

Carbon emissions – Gases released into the air when things like cars and factories burn fuel.

Carbon footprint – The amount of carbon emissions a person or activity creates.

Greenhouse gases – Gases that trap heat in the air and make the Earth warmer.

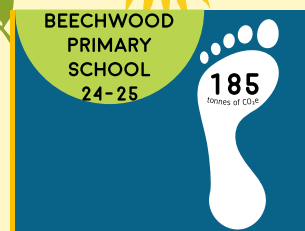
Human activity – Things people do that affect the world.



Climate Facts to Learn

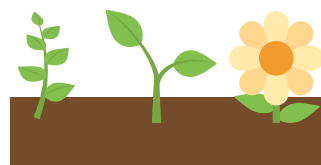
- A carbon footprint is the amount of greenhouse gases, especially carbon dioxide released into the atmosphere because of human activities. These gases are called carbon emissions.
- There are different ways that we can reduce our carbon footprint. We could walk more, use less energy, eat less meat and recycle or reuse.
- Climate change describes the process of our planet heating up. Greenhouse gases are one of the causes of climate change.
- The Earth's biodiversity is affected by climate change. We need to protect plants and trees to help our environment.

Climate Curriculum Summer Home-Learning for Y 4



Home-Learning Challenge

- Make a poster or presentation about ways we can reduce our carbon footprint.
- Create a piece of artwork or make a model to explain an element of climate change.
- Write a speech or talk to your friends or family about what they can do to reduce their carbon footprint.
- Make your own mini garden or research what we could do in the school grounds to improve its biodiversity.



Useful Websites

Your Carbon Footprint

<https://online.kidsdiscover.com/unit/protecting-resources/topic/your-carbon-footprint#:~:text=Just%20as%20with%20wet%20cement,the%20atmosph%20because%20of%20you.>

Carbon Footprint

<https://www.twinkl.co.uk/teaching-wiki/carbon-footprint>